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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/965,206	09/27/2001	David D. Crouch	PD-00W158	2929

23915 7590 07/22/2003

PATENT DOCKET ADMINISTRATION
RAYTHEON SYSTEMS COMPANY
P.O. BOX 902 (E1/E150)
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EL SEGUNDO, CA 90245-0902

EXAMINER

WIMER, MICHAEL C

ART UNIT

PAPER NUMBER

2821

DATE MAILED: 07/22/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No. 09/965,206	Applicant(s) CROUCH ET AL.
	Examiner Michael C. Wimer	Art Unit 2821
--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --		
<p>THE REPLY FILED 09 July 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may <u>only</u> be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.</p>		
PERIOD FOR REPLY [check either a) or b)]		
<p>a) <input checked="" type="checkbox"/> The period for reply expires <u>3</u> months from the mailing date of the final rejection.</p>		
<p>b) <input type="checkbox"/> The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.</p>		
<p>ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).</p>		
<p>Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).</p>		
<p>1. <input type="checkbox"/> A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.</p>		
<p>2. <input checked="" type="checkbox"/> The proposed amendment(s) will not be entered because:</p>		
<p>(a) <input checked="" type="checkbox"/> they raise new issues that would require further consideration and/or search (see NOTE below);</p>		
<p>(b) <input type="checkbox"/> they raise the issue of new matter (see Note below);</p>		
<p>(c) <input checked="" type="checkbox"/> they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or</p>		
<p>(d) <input type="checkbox"/> they present additional claims without canceling a corresponding number of finally rejected claims.</p>		
<p>NOTE: <u>See Continuation Sheet</u>.</p>		
<p>3. <input type="checkbox"/> Applicant's reply has overcome the following rejection(s): _____. </p>		
<p>4. <input type="checkbox"/> Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s). </p>		
<p>5. <input type="checkbox"/> The a)<input type="checkbox"/> affidavit, b)<input type="checkbox"/> exhibit, or c)<input type="checkbox"/> request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____. </p>		
<p>6. <input type="checkbox"/> The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.</p>		
<p>7. <input checked="" type="checkbox"/> For purposes of Appeal, the proposed amendment(s) a)<input checked="" type="checkbox"/> will not be entered or b)<input type="checkbox"/> will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.</p>		
<p>The status of the claim(s) is (or will be) as follows:</p>		
<p>Claim(s) allowed: <u>10-18 and 25-29</u>.</p>		
<p>Claim(s) objected to: <u>none</u>.</p>		
<p>Claim(s) rejected: <u>1-9, 19-24 and 30-33</u>.</p>		
<p>Claim(s) withdrawn from consideration: <u>none</u>.</p>		
<p>8. <input type="checkbox"/> The proposed drawing correction filed on _____ is a)<input type="checkbox"/> approved or b)<input type="checkbox"/> disapproved by the Examiner.</p>		
<p>9. <input type="checkbox"/> Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.</p>		
<p>10. <input type="checkbox"/> Other: _____</p>		
 Michael C. Wimer Primary Examiner Art Unit: 2821		

Continuation of 2. NOTE: The new recitation in Claims 1 and 30, that the substrate has a "substantially flat...surface" was neither considered nor addressed in the final Office action rejection. The change in the cavity bottom surface was also not set forth as it is now. Also, since intermediate Claim 2 was not included in Claim 1 when amended, this resultant device is considered different and was considered because it was not previously claimed. New Claim 34 omits the recitation of a focal point, deemed to be an essential element of the invention. Such a condition of a wavefront transformer was neither considered nor addressed in the final Office action. Also, Claim 34 includes an underlined word (i.e., "and") in line 10 as if the claim is amended.

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AVAILABILITY CO